

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 14 December 2001.

INCH-POUND

MIL-PRF-19500/435E
AMENDMENT 2
14 September 2001
SUPERSEDING
AMENDMENT 1
14 July 2000

PERFORMANCE SPECIFICATION

SEMICONDUCTOR DEVICE, DIODE, SILICON, LOW-NOISE VOLTAGE REGULATOR TYPES
1N4099-1 THROUGH 1N4135-1, 1N4614-1 THROUGH 1N4627-1, 1N4099UR-1 THROUGH 1N4135UR-1,
1N4614UR-1 THROUGH 1N4627UR-1, PLUS C AND D TOLERANCE SUFFIX DEVICES
JAN, JANTX, JANTXV, JANJ, JANS, JANHC, AND JANKC

This amendment forms a part of MIL-PRF-19500/435E, dated 26 January 2000, and is approved for use by all Departments and Agencies of the Department of Defense.

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* Add as new paragraphs:

3.5.2 D0-7 packages. All D0-7 package devices shall be marked with a "D7" any place on the device within the marking area.

3.5.3 Marking of UR suffix version devices. For UR suffix (surface mount) devices only, all marking (except polarity) may be omitted from the body of the device, but shall be retained on the initial container."

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4.3, screen table, screen column 13; add "2".

4.3, note 2; delete and substitute:

" 2 PDA = 5 percent for screen 13, applies to ΔI_{R1} , ΔV_Z , I_{R1} and V_Z ."

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4.3.2, first sentence; delete " I_Z = 50 percent of column 10" and substitute " I_Z = column 10".

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4.4.4, subgroup E4, conditions column; delete "Surface mount".

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4.5.7 Noise density; delete "4.5.7" and substitute "4.5.6".

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TABLE I, subgroup 4, inspection column, Noise density; delete "(see 4.5.7)" and substitute "(see 4.5.6)".

TABLE I, subgroup 7, conditions column, delete and substitute:

" $I_Z = 250 \mu\text{A dc}$; $T_1 = +25^\circ\text{C}, \pm 5^\circ\text{C}$; $T_2 = T_1 + 100^\circ\text{C}$ ".

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TABLE II, column 7 for 1N4105-1 through 1N4109-1; delete "0.5" five places, and substitute "0.05" five places.

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TABLE II, column 3 for 1N4113-1; delete "5.0" and substitute "2.5".

NOTE: The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodians:

Army - CR
Navy - NW
Air Force - 11
NASA - NA
DLA - CC

Preparing activity:

DLA - CC

(Project 5961-2478)

Review activities:

Army - AR, AV, MI, SM
Air Force - 19, 70, 80
Navy - AS, MC